Viewing Data in Campus

DL2403-1, DL2403-2

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Agenda

- What you need to get started
  - Ask questions that drive answers
    - List of data needed
  - Educational need to know
- Introduction to Campus Data Analysis
  - What it is
  - How it works
- Using Campus Data Analysis

Getting Started

- What questions are you answering?

- What data is needed to answer these questions?

Brainstorm these now

Write down your answers

Getting Started

- Rephrase questions so they are answerable with data
  - "How many" is a good way to begin a question
    - Example: Demographics
      - How many students in each NCLB sub-group are in our school?
    - Example: Performance
      - How many students performed proficient or better on our state test?
      - How many students came within 5% of passing?

- Educational need to know
  - Be clear on your district's student data privacy policy

Campus Data Analysis – What It Is

- Third party tool to analyze data in Campus
- Uses pivot table technology
    - Lets users display data in multiple ways
- Separate application on your Campus server
    - Contact Campus Support if you cannot launch Campus Data Analysis

Definitions

- Pivot table
  - A software technology for viewing data
  - Breaks data into two fundamental types
    - Summary data
      - Visible in the pivot table
      - Number of students, average score, average grade
    - Raw data
      - Not visible in the pivot table
      - Available by drilling down into summary data
      - Names, scores, grades
  - Summary data has two types
    - Categories
      - Descriptive attributes of students, e.g., gender, race, economic indicator, etc.
    - Measures
      - Counts where categories intersect
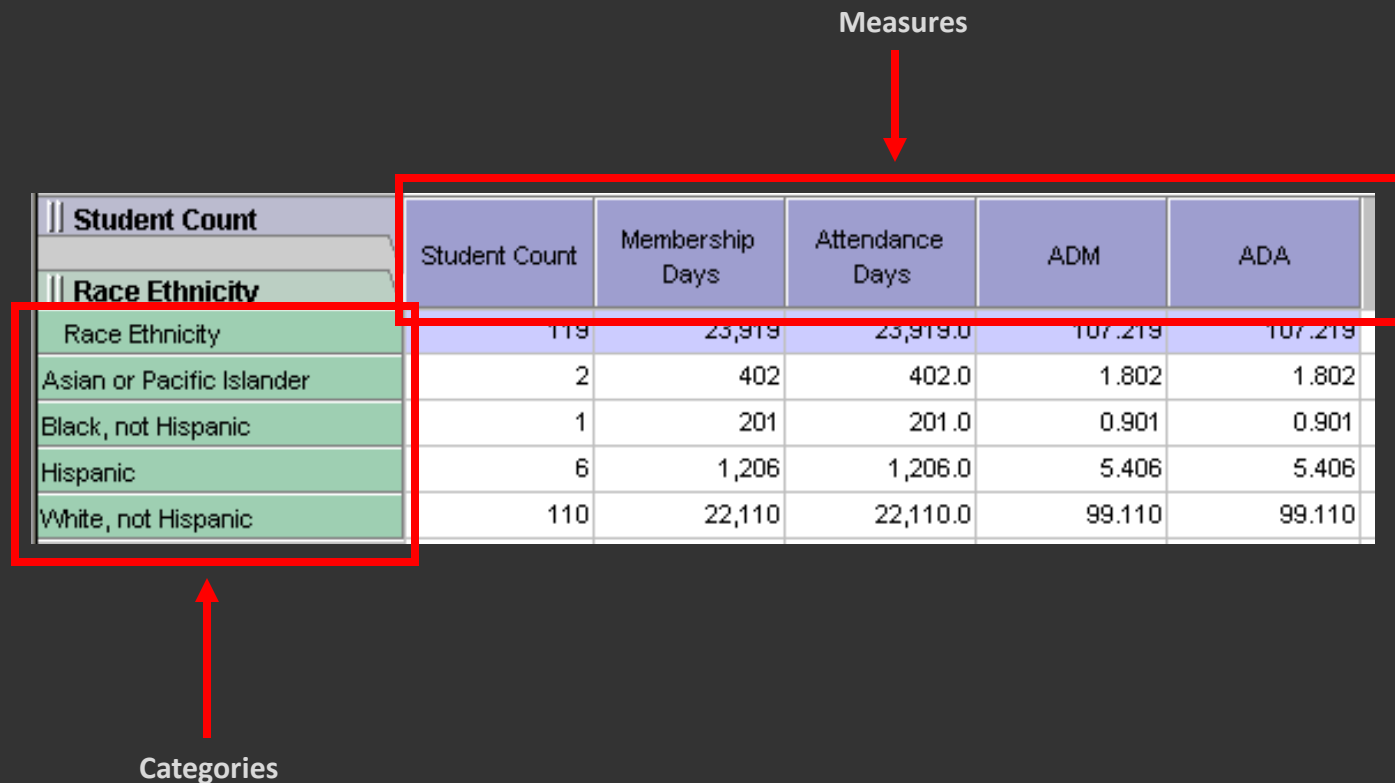 - User can change the summary view by dragging and dropping fields

Definitions

- Drilling down
  - Moving from the summary view to the detail view of the data
    - Examples
      - Right-clicking on a total presents names of students who make up that total
      - When breaking out data by gender, names of males are available by right-clicking on the total of males displayed
- Cube
  - A collection of categories and measures that displays in a pivot table
  - Can be saved and reused
  - Can be shared
  - Dynamic
    - Pulls new data when viewed

Pivot Table Anatomy
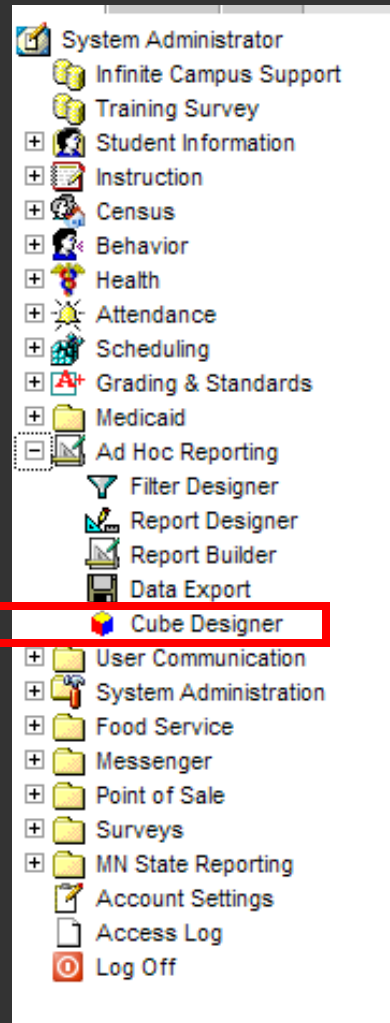

Measures

Categories

Looking at Pivot Tables

- Demonstration of pivot tables using Campus Data Analysis

Campus Data Analysis – How it works

- Navigation

Data Analysis

Building a Cube

Previously created cubes

Can be made for you by others and saved to your user group

Begin new cube here

Types of measures

AdHoc Cube Designer

This designer will walk you through the creation of a new cube.

Saved Cubes

- Assessments 2
- Assessments All
- DIBELS
- Simple Test
- Wisconsin Reading Tests

View   Edit   Delete

Create a New Cube

- ⦿ Student Counts
- ○ Attendance Mark Counts
- ○ Behavior Event Counts
- ○ Grade Mark Analysis
- ○ Transcript Mark Analysis

New Cube

Types of Measures

- Student Counts
  - Bases information on total number of students
- Attendance Mark Counts
  - Bases information on student's attendance records
- Behavior Event Counts
  - Bases information on student's behavior records
- Grade Mark Counts
  - Bases information on students' grades tab (i.e., current term grades)
- Transcript Mark Counts
  - Bases information on student's historical grades.

Creating a New Cube

1 Enter descriptive name and date

2 Limit range of students (opt.)

3 Add additional measures (opt.)

4 Select categories

5 Save for you or share with user group

6 **7** Save, then Display Cube

Ad-Hoc Cube Builder

Cube Information

Cube Name:

Created Date:

Student Filters

Ad Hoc Filter

Effective Date:

Active only:

Measures - studentCount

☐ Display Average Cumulative GPA Measure
☐ Display Average Test Scores Measure
☐ Use only MAX test score
☐ Display ADM/ADA Summaries
   ☐ Use percent enrolled in ADM/ADA calculations

Organized To: User Account

[Display Cube] [Save]

Categories

🎲 Student
   ☐ Age
   ☐ Gender
   ☐ Grade
   ☐ Race Ethnicity
   ☐ School Name
   ☐ School Year
   ☐ Team Name
   ⊞ 🎲 Enrollment & State Elements
   ⊞ 🎲 Student Schedule
   ⊞ 🎲 Attendance
   ⊞ 🎲 Behavior
   ⊞ 🎲 Grades
   ⊞ 🎲 Transcript
   ⊞ 🎲 Standardized Tests
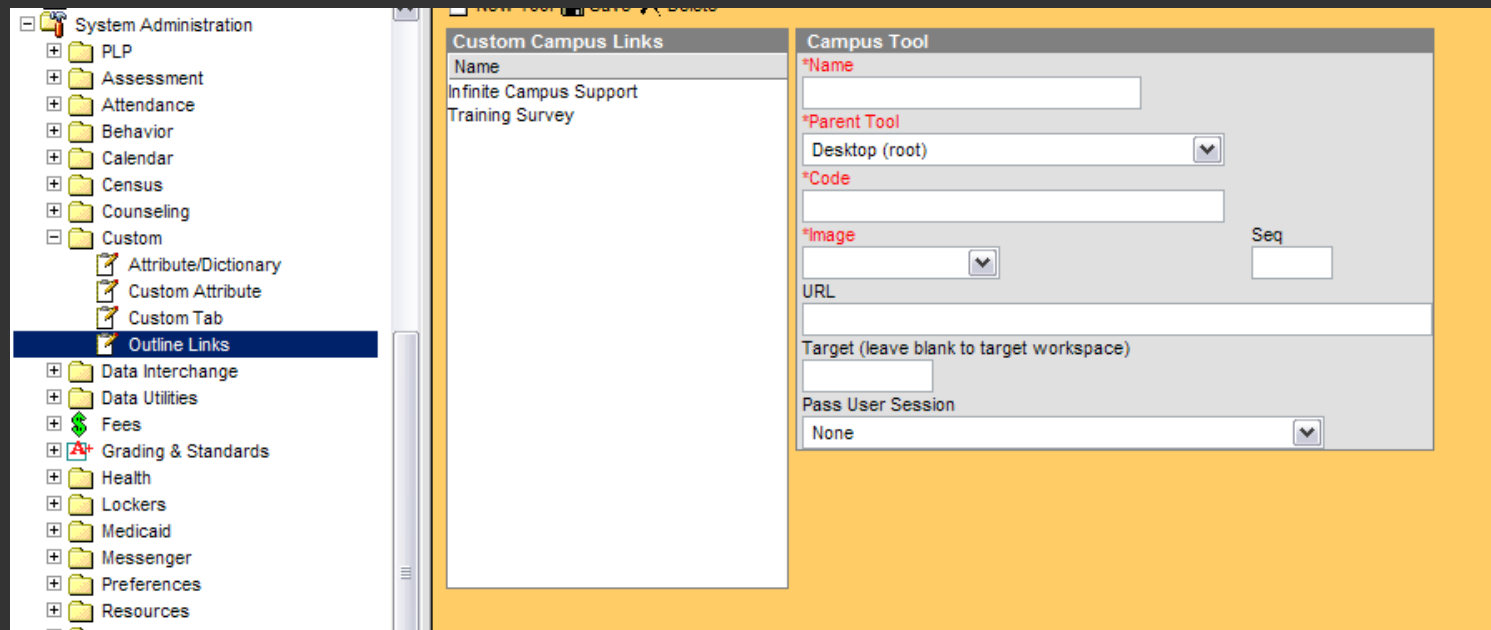   ⊞ 🎲 Custom Tabs

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Using Campus Data Analysis

- Use Campus Data Analysis on computers provided
- Begin with a tutorial
  - See Cube Designer User Guide pages 7-10
- Work with data to answer the questions you generated during the brainstorming activity
  - Refer to Cube Designer User Guide for assistance
  - Glossary of available data elements begins on page 53

Linking to Cubes

- Links can be placed in Index letting users access prebuilt cubes
    - Path: System Administration > Custom > Outline links
        - Enter the name you want to appear in the index
        - Select where you want the link to appear in the index from Parent Tool

Questions & Answers

Ask, we're ready!

Learn More!

Additional training is available from Campus U

- Professional, certified trainers

- Just-in-time offerings

- Online

- In person

  - In your district

  - At Infinite Campus